

Patent Abstracts of Japan

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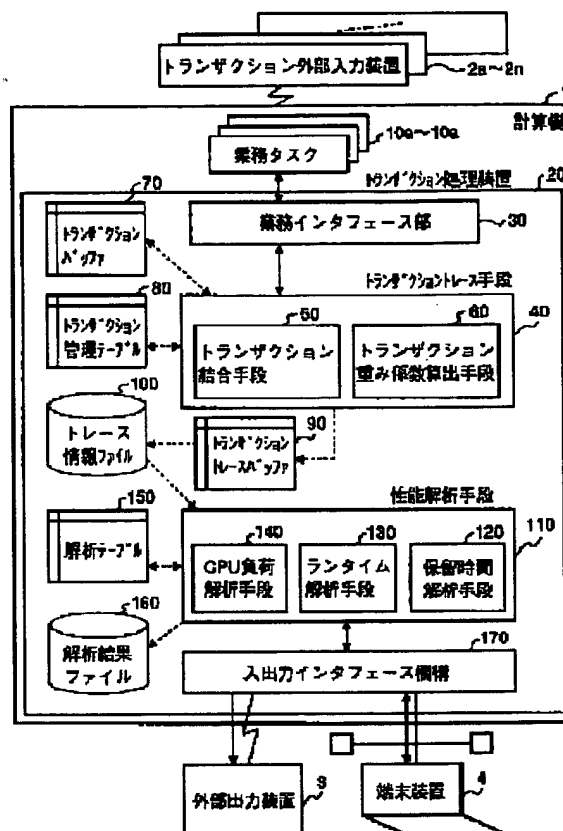
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APPLICANT : HITACHI KISOU KK;

INVENTOR : NAKAI KOJI;

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TITLE : TRACING METHOD AND
PERFORMANCE EVALUATION
METHOD FOR ON-LINE
TRANSACTION, AND ON-LINE
TRANSACTION PROCESSING
SYSTEM



ABSTRACT : PROBLEM TO BE SOLVED: To improve the performance evaluation of a complicated transaction system by grasping the processing time of respective multiplexed transactions to be processed altogether.

SOLUTION: The plural transactions 2 are inputted and processed in plural job tasks 10 individually or by being multiplexed. In the case that a multiplexing request is included, a transaction processing means 20 performs the updating of management information (the addition of a multiplexed transaction ID or the like) and the data write of the individual transactions to a transaction buffer 70. In the case of reception, a transaction weight coefficient is calculated. A tracing means 40 outputs a tracing information file 100 including the weight coefficient. A performance analysis means 110 obtains a job task ID from tracing information, enters it to an analysis table 150 and successively stores analysis information corresponding to a tracing kind. In the case of the multiplexed transaction ID, the multiplexed ID is set to the entry of the same job task, an individual transaction ID inside the ID and the weight coefficient are obtained and run time is calculated.

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